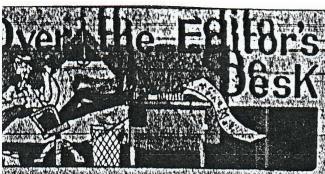
Pascagoula Public Library Local History & Genealogical Dept. **Martz Family**



continued to the continued of the contin

it. But to the dayman, handling a piece of this beautifully fill-lahed wood, and knowing the wide uses to which plastics have been put, its seems like another

been put it seems like another tine industrial process lost to the world by the difficulties of financing production.

About tifficty years ago Martz's health falled him, and it was necessary to move to a warmer climate For some reason he picked Passaybula than significant purposes.



grows vacant lots in jurigle-like thickets. Probably it stems of the same botanological genus. It grows in most of the warm countries of the world.

The dead pharoahs of Egypt were wound in ramia bindings when they were sealed in the pyramids. Archaeologists have found mummy wrappings in fair condition after three thous-and years, The cloth has been produced in China for thousands of years Chinese coolies scraped like liber under water to separate it from its gummy casing, and even in

find a way to produce ramic liber in quantities sufficient for the modern textile industry.

The ramic plant looks a great deal like the common bloodweed able condition by pressure. The of the south, which grows in fiber is crushed and fragmented damp places and is a familiar by any pressure great enough sight even in cities where it over to squeeze out the gum. The gum is extremely adhesive. That is is extremely adhesive. That is the problem. Otherwise your shirt right now would be ramie, not cotton."

Martz saw in the beginning that the mechanical separation of the fiber would be the last phase of an interlocking series of problems. The first problem was to develop a rame strain that was better suited to the climate and soil of the United States, which would produce a seed of better germination qualities than those of the imported plants.

By a series of cross-breeding and selection of stock, Martz eventually produced a cultivated ramie strain which excelled the import in every characteristic I saw a letter written by a former chief of the department of its gummy vasing, and even in by a series of cross-breeding modern times ramie cloth in small commercial quantities has been produced in the Orient and East Indies. But so tedious was the process that early bootle labor made its probable possible, as stave is bos in the days of Egypt.

Unlike cotton that ramie the Which acknowledged that the plant tasels rather than in boils on branches convenient for pick.

Pascagoula Public Library Local History & Genealogical Dept. **Martz Family**

plant itself-rather than in bolls on branches convenient for picking. The outer surface of the bark is scaly and woody be neath this is the comium layer of growth cells, the inner green layer of all plants which is the thin sheath of creative life lying beneath the dead bark and the dead wood of pith centers of refs and banks. The famile the ers are joing the length of the family the length of the family and banks dead on the ginning and banks dead in the ginning camillant were of living cells for separate them from the gum is the parting technical problem. separate them from the gum is
the parfiling technical problem.
Rhmie has been getting an incressing amount of publicity in
recessing amount of publicity in the
South, where is can grow prolifically The general newspaper
reader by now familier with
many of its prices—the has
heard, for installes the life if
awice as strong to the life that it
does not mould by filling try that
it is stronger we than try that
for beauty, finish, wearing qual-

does not mould be midely that

It's stronger we then dry that

for beauty, finish wearing qual
lities it is not approached by cot
ton; silk or stifficial textiles.

But the layman who gets a

chance to examine the raw fiber

litely is smated at what he finds.

Mrs. Marts want out to the

little switches wealth of respective fire and stronger in a

footing is reader looking green

shall fiscales wealth of respective finds.

Their temenatority of the common of the hard cought in

a few atrands of the inner

layer under the knile point

and peeled them out of the

salle they were a cot or two
an anoth. They tooked like

any ordinary peeling from a

green fibrous seed

Lawroured them around in

fingers and stated to pull the

cried out sufficienty to stop me

any ordinary peeling from a

green fibrous seed

Lawroured them around in

fingers and stated to pull the

cried out sufficienty to stop me

any ordinary peeling from a

green fibrous seed

Lawroured them around in

fingers and stated to pull the

cried out sufficienty to stop me

and shall shall the

said sha told me this had hip

pened to another visitor. Test
ing the fibers gently, I could

said, speaking in his slow, intent fashion, to dissolve and remove the gum from the ramie fiber, It is not difficult to do so with chemical solutions. But the chemical method is useless. It ruins the fiber itself. Unlike cotton and silk, and other fibers, the ramie fiber is hollow. The lift-lie tubes fill up with the chem-lcal solution, and when dried the chemicals return to their crystaline state. No matter how

used in the great majority of commercial efforts and experiments in the United States.

Then began many years of persistent and high-grade "tink-

ering with machines and methods to solve the problem of deods to solve the problem of de-cortication. Martz has developed his process little by little; cov-cing it air regular intervals with whether the flow holds three bittents and he is the need of fonds at present to go to Wash-lifeton to get his fourth.

The process he now uses pulls the stalk of the ramie. plant through a metal cylinder. A number of these are arranged in a row to handle many stalks at a time. A series of stalks at a time. A series of knives in the cylinders neathly sirly off fife outer covering the rimit fiber; and eject the nake if the rimit. The stalk has a high offices confent and is well suited to use as raw material in plastic manufacturing and in plastic manufacturing and other industries needing calus

lose. Martz will rescribe the process from this point forward in only general terms for security reageneral terms, for security reasons, His method blows the fibers with the pure state of the country terms with the fibers with them a Pascagoula merchant who fore it to be just one more hope stems from the Finnish farm column, who as a journalist has ink community near Hurley column, who as a journalist has looked without enthusiasm of many take inventors and take character and common-sense. He inventors and take the fold me that in his work with that Martz has actually developed a process that will work fle his process to come him enough of the process to con-(Continued th Page Six)

Editor's Desk . . .

(Continued from Page Four) vince him beyond any doubt that it is simple, efficient, and prac-tical. If the machine could only be financed in terms suitable to Martz, he says, he believes it could work major changes in the argicultural and industrial background of the Southern states. Having met with many types in newspaper work, and with many ideas, we think the machine may well constitute a sucramie fiber.

Apparently other people have thought so to, others with money to invest. One investor working with Marts had a tield of many acres planted in ramle, probably the largest stand in the country. The field was near the inventor's house. One day Martz baw the man supervising the plowing under of the entire stand Amazed, he asked the man why in the world he was doing this. The man answered, Martz said, "not to worry too much about it, he was being well paid to do it." Martz believes firmly that the mun accepted

oul his poor bouse are the out his poor bouse are the parts of his machine; stored in his mind is the final secret, fie is growing old. He is will-hig to go to his garre with the secret rather than have it take an from him by what he considered.

It may be of course, that the fabulous fiber of the ramie plant an never he commercially se-

can never be commercially separated. It may be that Mertz method in the long run would be found like all the other borner is to be just one more hope.

Perhaps, then the stout old man sitting on the steps of a man sitting on the steps of a poor farm house on a Mississip-pi-backroad, that, the traveler-pi the big automobile would-likely think some simple tustic. has the formula for an industry that could revitalize the South's cotton economy, and the answer to a textile riddle as old as the Sphinx of Egypt.



Pascagoula Public Library Local History & Genealogical Dept. Martz Family

layer, sincer the knife point stems from the Finnish farm full fallure. The writer of this layer, sincer the knife point ing frommunity near Hurley looked without enthusiasm on many fake inventors and common-sense. He inventors and fake inventors. It is not in his work without enthusiasm on many fake inventors and fake inventors and fake inventors and fake inventors. It is not in his work with that Mark has actually developed in the process to collaborate the inventor has shown as the mark of the expert, of any ordinary peeling from a green fibrous seed.

I wrapped their around my finders and staffed to pull the cried out suidenly to stop fife.

"You will rul your finger to the bone if you do that" the said She told me this had hippened to another visitor. Testing the libera gently, I could see them bite into my fingers without any sign of breaking. The strand I had was the thickness of Number Eight cotton thread. But "is would stand enough pressure to cut intrally to the take before it would anap.

"There have before it would anap.

"There have been many chemical processes developed." Martz said, speaking in his slow, intent fashion, "to dissolve and remove ed a process that will work He has the mark of the expert, of him enough of the process to con-(Continued th Page Six) the master craftsman. Perhaps, then, the stoot old man atting on the stops of a poor farm house or a Mississippl backroad, that the traveler, the big sufombile would likely think some simple rustic, has the formula for an industry Editor's Desk (Continued from Page Four) vince him beyond any doubt that it is simple, efficient, and practhat could revitalize the South tical If the machine could only be financed in terms suitable to Martz, he says, he believes it cotton economy, and the answer to a textile riddle as old as the Sphinx of Egypt. could work major changes in the argicultural and industrial backher for minor throat frita-tion due to a colling to a colling the sealer title table. ground of the Southern states. Having met with many types in newspaper work, and with in newspaper work, and with many ideas, we think the ma-chine may well constitute in suc-cessful method for decorticating ramie fiber Apparently other people have 199 fashion."to dissolve and remove the gum from the ramic fiber. It is not difficult to do so with chemical solutions. But the chemthought so to, others with money to invest. One investor working with Martz had a still or many Save on acres planted in ramie, probably the largest stand in the country. The field was near the inical method is useless. It ruins the liber itself. Unlike cotton ventor's house. One day Martz the liber itself. Unlike cotton and silk, and other fibers, the ramie fiber is hollow. The little tubes fill up with the chemical solution, and when dried the chemicals return to their crystaline state. No matter how long the fiber is soaked or washed the control of the residue and the cotton of the cotton of the fiber is soaked or washed the cotton of the cotton eaw the man supervising the plowing under of the entire stand. Amazed, he asked the man why in the world he was doing this. The man answered, Martz said, not to worry too Martz said, not to worry too much about it he was being well paid to do it." Martz believes firmly that the man accepted a huge sum from organized coted, the crystaline residue can-not be completely removed from the fiber, and it becomes britle ton interests to withdraw from the development of the ramie Paretest, P. process and plow under the and useless. Cloth made of chem-Multiple Vitamin C lcally separated fiber wears out in a lew months, quicker than the cheapest cotton." All, that Martz has now is a shall plot to keep the cultivated Hard Work Requires and an Adequate Dai seins is Necessary if From my first study of the plant, I saw that the only se-paration or decortication process Another man, a wealthy re-tired Northerner who was living in the South, became enthusin the South, became enthis-issued about the process, and worked with Marts for a line. On his death, he left \$100,000 in his will, Marts said, for the which could possibly work with which could possibly work with the ramie fiber was a mechanical one Water and beat to a certain amount could be used, but excessive heat also made the fiber useless. Knowing I had to work within these limitations I set out to find the process. The reached in a pile of papers. in his will, Marte said, for the development of the ramie process. Marts says the Induce of the will it to state specifically which camie process the development of the will in state specifically which camie process the development intended presented a popular to the process of the second part of the process, which he says marks the close of the experiments of the process, which has says marks the close of the experiments of the process, which he says marks the close of the experiments period. He has been more morey. He passes a because who will work with him on his own terms destroyed through He reached in a pile of papers and got out newspaper photographs and stories describing various processes for which the inventors, and often enough this newspaper, claimed complete soccess. None of these things can pos-phy work be baid. He showed me one photograph of a machine which had gotten wide publicity, which showed be inventor stand-ing slungaide it holding up a main of crumbed runs stalls. The photographer said the machine decorticated runs in the held-lift does not. Mr. Marts wall REMEMBER